

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

U 013765-3

10/009,670

APPLICANT

Hiroshi ITO, et al.

FILING DATE

GROUP

Dec. 7, 2001

1755

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>mh</i>	AA	5,112,398	5/1992	Kruse	106	20	
<i>mh</i>	AB	4,985,077	1/1991	Ise et al.	106	22	
<i>mh</i>	AC	4,338,133	7/1982	Toyoda et al.	106	22	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
<i>mh</i>	AL	02 138374	5/1990	JP			X
<i>mh</i>	AM	01 138277	5/1989	JP			X
<i>mh</i>	AN	62 127373	6/1987	JP			X
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

<i>mh</i>	AR	Patent Abstracts of Japan of JP 02 138374 dated May 28, 1990.
<i>mh</i>	AS	Patent Abstracts of Japan of JP 01 138277 dated May 31, 1989.
<i>mh</i>	AT	Patent Abstracts of Japan of JP 62 127373 dated June 9, 1987.

EXAMINER


 Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

12-21-03



U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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ATTY. DOCKET NO.	SERIAL NO.
U013765-3	10/009,070
APPLICANT	
HIROSHI ITO, ET AL.	
FILING DATE	GROUP
DECEMBER 7, 2001	1755

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	6,004,389	12/1999	YATAKE	106	31.86	
	AB	5,707,433	1/1998	KUGE, ET AL.	106	31.86	
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
	AL	0 879 858	11/1998	EP			
	AM	11 349 871	12/1999	JP			X
	AN	0 761 783	3/1997	EP			
	AO	10 095 941	4/1998	JP			X
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	PATENT ABSTRACT OF JAPAN JP 11 349871 DATED DECEMBER 21, 1999.
	AS	PATENT ABSTRACT OF JAPAN JP 10 095 941 DATED APRIL 14, 1998 .
	AT	

EXAMINER *Jessica Y. Lai* DATE CONSIDERED *12-21-03*

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